

BRIEF BIO-DATA OF DR. A. K. BASU



1. **Full name and designation** : ASIT KUMAR BASU
Professor in Seed Science & Technology

2. **Address**

a) **Office** : Seed Science & Technology,
Bidhan Chandra Krishi Viswavidyalaya.
P.O. Krishi Viswavidyalaya – 741252
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b) **Residence** : B-2/442, Kalyani – 741235,
Nadia, West Bengal, India.

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3. **Academic Qualification** :

Qualification	Name of the Board / University	Session (year)	Division/ Class
Higher Secondary	W.B.B.H.S. Education	1972	1 st Div.
B. Sc. (Ag.) Hons.	B.C.K.V.	1975-76 (1977)	1 st Class
M. Sc. (Ag.)	B.C.K.V.	1977-78 (1980)	1 st Class First
Ph. D. in Genetics & Plant Breeding	B.C.K.V.	1983	

4. **Scholarship / Fellowship enjoyed:** a) Merit scholarship of ICAR during degree course.

b) Junior Research Fellowship of ICAR during Master Degree programme.

c) University Research Scholarship during
Doctoral Degree programme.

d) Post-doctoral fellowship of CSIR.

5. Experience

: a) Research – Around 35 years (including
Doctoral and Post-doctoral level)

b) Teaching – More than 29 years (since 1986)
in both UG & PG Level.

c) Administrative- Acted as Head, Department
of Seed Science and Technology during
May, 2007- May, 2011.

6. Field of specialization: Seed production, seed development , storage and biochemistry.

9. Research Publications

: a) Published – 70

b) Communicated – 4

10. Book and Book Chapter;

- Asit Kumar Basu and Bidhan Roy –2006: Synthetic Seed: A Demanding Technology in Plant Propagation and Conservation. In:Plant Tissue Culture and Biotechnology. Pointer publishers, Jaipur. pp– 214-251.Edited by Prof P. C. Trivedi, University of Rajasthan, Jaipur-302004.
- Bidhan Roy and Asit Kumar Basu – 2007: Molecular Breeding and Genetic Engineering for Major Abiotic stresses tolerance in Crop Plants. In: Biotechnology in Plant Improvement. Pointer publishers, Jaipur. pp. 115-127. Edited by Prof P. C. Trivedi, University of Rajasthan, Jaipur-302004
- Bidhan Roy and Asit Kumar Basu- 2009: Abiotic Stress Tolerance in Crop Plants: Breeding and Bio- technology; New India Publishing Agency, Pitam Pura, New Delhi- 110 088.
- Bidhan Roy, Asit Kumar Basu and Asit B. Mandal- 2013: Breeding, Biotechnology and Seed production of Field Crops; New India Publishing agency, Pitam Pura, New Delhi-110 088.

11. Ad-hoc projects handled:

No. of projects	As P.I.	As Co-PI.	Funded by	
			ICAR	Govt. of W. Bengal and Private Company
9	8	1	1	8

12. Summer Institute / Orientation /

Training programme attended : 5

13. Ph. D. Guidance : a) Awarded – 15

b) Working – 3

14. M. Sc. (Ag.) Dissertation: a) Awarded – 20

b) Working – 2

15. Seminar / Symposium /Conference attended

Total	National	International			
		In India	In Abroad	Total	Country visited
50	35	5	10	15	China, Thailand, Indonesia, Bangladesh, U.S.A.

16. Acted as a Resource person in training

Programme / short course : 20 times (approx.)

17. Appointed as Paper Setter/ External Examiner/ Ph.D. thesis Examiner/ Expert member of

Selection committee by:

a) Calcutta University,

b) Orissa University of Agriculture &

Technology,

c) Rajendra Agriculture University,

d) Govt. of India,

- e) Assam Agriculture University,
- f) Tripura University,
- g) Rajshahi University, Bangladesh,
- h) Bangladesh Agricultural University, Mymensingh.

- 18. Crop Variety Released** : a) By CVRC – 1 (Jute) – released
b) By SVRC – 2 (Jute) – released
1 (Tomato) – approved
c) 2 (Jute) – in pipeline.

- 19. Member of Scientific body** : Life member – 4
Ordinary – 2

- 20. Other Experience** : i) Acted as member of 'The Court', Executive Council and Finance Committee, B.C.K.V.
ii) Acted as member, Faculty Council for UG-PG Studies, B.C.K.V. for five times.
iii) Acted as member, Central Zone: Monitoring Team of ICAR Seed Projects.